

Kaiser-Hill Environmental Compliance and Operations Group

ENVIRONMENTAL CHECKLIST

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

1. Project Name: Surface Water Monitoring Stations GS43 (NE of B886) and GS44 (N. of B888)
2. Date Submitted: 4/19/99
3. NEPA Tracking No.:
4. Charge Number: CG1000-81
5. WAD Number: WAD 001 (WBS Code 1.1.03.06.01.01)
6. Project Manager (company, bldg., ext.): George Squibb, RMRS, T893A, x7194
7. Kaiser-Hill Manager (bldg., ext.): George Setlock, T130C, x4457
8. Prepared By (company, bldg., ext.): Christine Hawley, International Engineering, T893A, x6865
9. Project Description (be as detailed and specific as possible, use the checklist as a guide for issues to be addressed in the description of the project, submit to K-H NEPA for review):

Two Surface Water Monitoring Stations, GS43 and GS44, will be sited to monitor runoff from the area of B886 (See attached map for exact locations). This activity is required as Performance Monitoring for D&D activities per the Site IA IM/IRA.

GS43 will be installed in the ditch that runs along the east side of B886. Excavation to a depth of no more than 12 inches, with a maximum width and length of 1 foot and 6 feet, respectively, will be required for installation of a 0.5-ft. H-flume. An equipment shelter with a 6-ft. x 6-ft. footprint will also be placed at this location. This work borders IHSS 800-164.2. Based on historical sampling data for the area, detailed in the RMRS Characterization Group's Environmental Assessment for Construction Activity, hazardous waste is not expected to be generated by this activity. Further, under no circumstances will any soil piles be allowed to remain at the site after the project is complete. A Hazardous Waste Determination Form was completed April 12, 1999. A Soil Disturbance Permit was granted January 25, 1999.

The second location, GS44 will be installed at the culvert north of B888. No excavation will be required to install this station. An equipment pallet with a 6-ft. x 6-ft. footprint will be left at the location during monitoring operations.

Both locations have been visited by a Site ecologist and determined to present no ecological issues.

Reviewed for Classification/UCNI

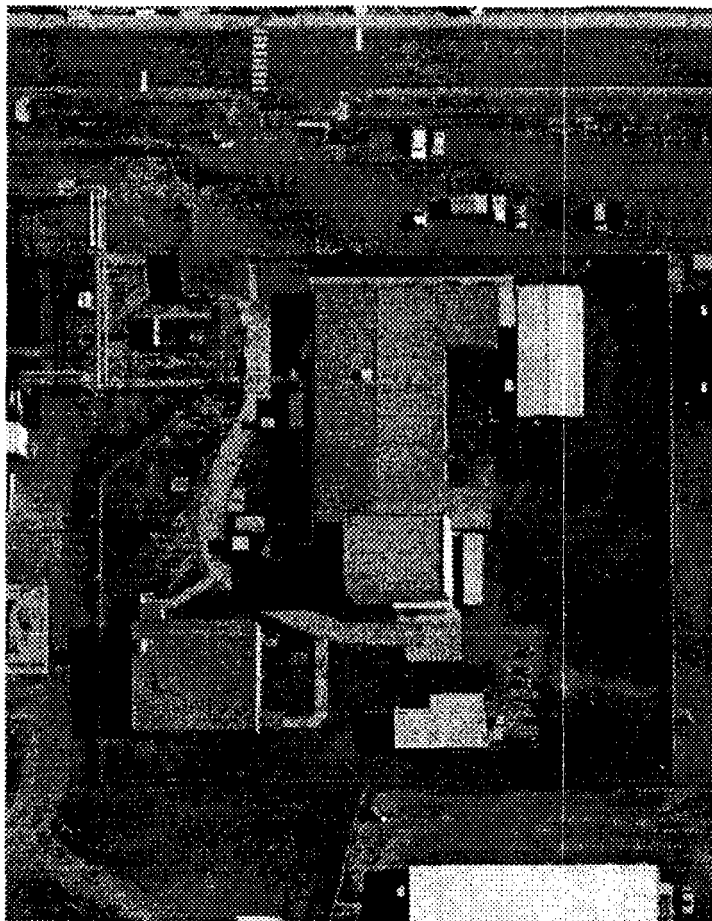
By: _____

Date: _____

ADMIN RECCRD 1/5
IA-A-00170

AR-99-000004

Performance Monitoring Locations for B886 D&D



Performance Monitoring Location



80 0 80 160 240 Feet

	<u>YES</u>	<u>NO</u>	<u>NOTES</u>
10. Will the project require a new or modified permit under the:			
A. Clean Air Act? (e.g., APENs, Rad-NESHAP, fugitive dust, etc.)	_____	X_____	
B. Clean Water Act? (e.g., discharges, chemicals, etc.)	_____	X_____	
11. Resource Conservation and Recovery Act (RCRA):			
A. Will the project generate, treat, store, or dispose of hazardous, radioactive, or mixed waste?	_____	X_____	
(Soil Disturbance and Hazardous Waste Generation Forms obtained (See Section 9))			
B. Will the project involve a removal?	_____	X_____	
C. Will the project include RCRA closure?	_____	X_____	
-partial?	_____	X_____	
-full?	_____	X_____	
D. Will the project include excavation or capping to meet RCRA requirements?	_____	X_____	
E. Will cost and duration stay within \$5 million and 60 months? (Explain in Section 9, Project Description)	X_____	_____	
F. Will a RCRA permit or permit modification be required?	_____	X_____	
12. Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)			
A. Is the project part of an activity required in the Rocky Flats Cleanup Agreement?	X_____	_____	
(RFCA specifies monitoring will be done)			
B. If the answer to A. is YES, is the project described in a document that has been approved by EPA or CDPHE, or will be approved by at least one of those agencies before project work begins?	_____	X_____	
C. If the answers to both A. and B. are YES, has that document been reviewed by the K-H NEPA group for inclusion of NEPA values?	_____	N/A_____	
13. Monitoring			
A. Will the project require performance monitoring per RFCA or IA IM/IRA requirements?	_____	X_____	
B. If the answer to A is YES, have appropriate steps been taken to implement those requirements through the Integrated Monitoring Plan?	_____	N/A_____	

NOTES	<u>YES</u>	<u>NO</u>
14. Toxic Substances Control Act		
A. Will the project require an Asbestos Abatement permit?	_____	X_____
B. Will the project generate PCB-containing waste?	_____	X_____
C. Will the project result in any potential PCB-containing material that would be available for commercial resale, reuse, or recycle?	_____	X_____
15. Have all steps been taken to ensure compliance with procedures 1-G98-EPR-END.04, Migratory Bird Evaluation and Protection, and 1-D06-EPR- END.03, Identification and Protection of Threatened, Endangered, and Special-Concern Species? X_____		
<i>(Site ecologist has visited locations and sees no ecological issues)</i>		
16. Will the project be in or near an Individual Hazardous Substance Site (IHSS)? (If YES, discuss in Section 9, Project Description)	X_____	_____
17. Will the project construct or require a new or expanded waste disposal, recovery, storage, or treatment facility?	_____	X_____
18. Is the project part of an agreement between DOE and another federal or state agency? (Specify and explain any schedule urgency and deadlines in Section 9, Project Description.)	_____	X_____
19. Is the project:		
A. A new process, building, etc.?	_____	X_____
B. A modification to an existing process, building, etc.?	_____	X_____
C. An installation of capital equipment?	_____	X_____
20. Will the project be located in or adversely affect:		
A. Wetlands? (i.e., dredge or fill operations)	_____	X_____
B. Designated natural areas?	_____	X_____
C. Prime agricultural land?	_____	X_____
D. Special water sources?	_____	X_____
E. Historical, archaeological, or architectural sites or buildings? (NHPA, HUD)	_____	X_____
F. Impact surface water or groundwater	_____	X_____
G. Effect Preble's Mouse habitat (DOE contact USFWS)	_____	X_____

NOTES	<u>YES</u>	<u>NO</u>
21. Will the project result in, or have the potential to result in, long term changes to the environment?	_____	X_____
22. Will the project result in changes or disturbances of the following existing conditions:		
A. Noise levels?	_____	X_____
B. Solid wastes?	_____	X_____
C. Radioactive wastes? (including disturbed or excavated contaminated soil)	_____	X_____
D. Hazardous waste?	_____	X_____
23. Will the project have effects on the environment which are likely to be publicly controversial?	_____	X_____
24. Will the project establish a precedent for future projects that will have significant effects, or represent a "decision in principle" about a future consideration?	_____	X_____
25. Is the project related to other projects or to a larger program?	X_____	_____
26. Have pollution prevention measures been considered? (Discuss in Section 9, Project Description.)	X_____	_____
<i>(Will comply with Soil Disturbance Permit)</i>		
27. Does/Will the project present a radiation health and safety concern during construction or operation? (Price-Anderson Act)	_____	X_____
<i>(Will comply with Soil Disturbance Permit and Safety and Health Assessment))</i>		

NOTES:

Approved by Company's (RMRS, SSOC, K-H, WSI, or DCI) Environmental Manager:

<u>Jed A. Hopkins</u>	<u>4/20/99</u>
Signature	Date

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